

10/749,834

=> file casreact

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FILE CONTENT:1840 - 10 Oct 2004 VOL 141 ISS 15

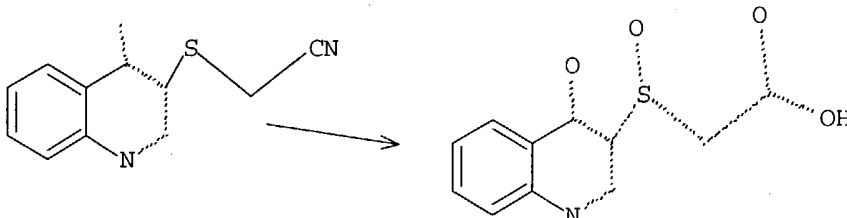
*
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*

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 0 SEA FILE=CASREACT SSS FUL L1 (0 REACTIONS)

=> => file caplus

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FILE COVERS 1907 - 14 Oct 2004 VOL 141 ISS 16
FILE LAST UPDATED: 13 Oct 2004 (20041013/ED)

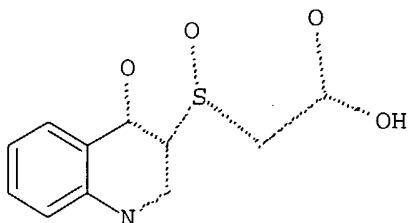
10/749,834

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=> d que

L4

STR



Structure attributes must be viewed using STN Express query preparation.

L6 3 SEA FILE=REGISTRY SSS FUL L4

L7 2 SEA FILE=CAPLUS L6

=> d l7 1-2 ibib abs hitstr

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:696541 CAPLUS

DOCUMENT NUMBER: 139:230631

TITLE: Four-step process for the preparation of 3-carboxymethylsulfinyl-7-fluoro-3-methyl-4-quinolone from flosequinan

INVENTOR(S): Kwiatkowski, Stefan; Golinski, Mirosław

PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA

SOURCE: U.S. Pat. Appl. Publ., 8 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003166678	A1	20030904	US 2002-281800	20021028
US 6689791	B2	20040210		
US 2003191152	A1	20031009	US 2002-282286	20021028
PRIORITY APPLN. INFO.:			US 2002-360829P	P 20020301
			US 2002-360954P	P 20020301
			US 2002-361146P	P 20020301
			US 2002-361150P	P 20020301
			US 2002-403033P	P 20020813

AB A four-step process for the preparation of 3-carboxymethylsulfinyl-7-fluoro-3-methyl-4-quinolone from flosequinan is presented.

IT 591781-23-6P

RL: BCP (Biochemical process); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC (Process)

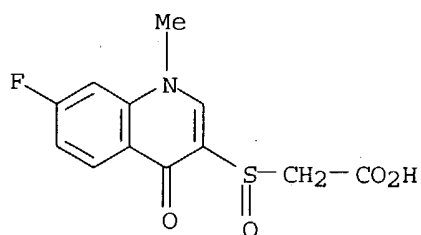
(four-step process for the preparation of

3-carboxymethylsulfinyl-7-fluoro-3-methyl-4-quinolone from flosequinan)

RN 591781-23-6 CAPLUS

CN Acetic acid, [(7-fluoro-1,4-dihydro-1-methyl-4-oxo-3-quinolinyl)sulfinyl]-(9CI) (CA INDEX NAME)

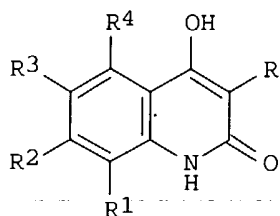
10/749,834



L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1996:163892 CAPLUS
 DOCUMENT NUMBER: 124:202042
 TITLE: Preparation of 3-alkylthio-4-hydroxy-2-quinolones
 and analogs as NMDA receptor antagonists
 INVENTOR(S): Allgeier, Hans
 PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
 SOURCE: Eur. Pat. Appl., 27 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 685466	A1	19951206	EP 1995-810344	19950523
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
AU 9520336	A1	19951214	AU 1995-20336	19950526
CA 2150645	AA	19951203	CA 1995-2150645	19950531
FI 9502650	A	19951203	FI 1995-2650	19950531
NO 9502171	A	19951204	NO 1995-2171	19950601
ZA 9504507	A	19960201	ZA 1995-4507	19950601
CN 1120538	A	19960417	CN 1995-106179	19950601
HU 72608	A2	19960528	HU 1995-1598	19950601
US 5633379	A	19970527	US 1995-456358	19950601
JP '08041027	A2	19960213	JP 1995-136724	19950602
BR 9502647	A	19960423	BR 1995-2647	19950602
PRIORITY APPLN. INFO.:			CH 1994-1732	19940602
OTHER SOURCE(S):			MARPAT 124:202042	

GI



AB Title compds. [I; R = Z1Z2R5; R1-R4 = H, aliphatic hydrocarbyl, OH, halo, etc.; R5 = Ph, CO2H, alkoxycarbonyl, etc.; Z1 = O, (oxidized) S; Z2 = divalent aliphatic group] were prepared Thus, Me 4-chloroanthranilate was amidated by BrCOCH2Br and the product etherified by Ph(CH2)3SH to give, after cyclization, I [R = (CH2)3Ph, R1 = R3 = R4 = H, R2 = Cl]. I had IC50 of 0.07-1.25µM against 5,7-dichlorokynurenic acid binding at rat cortex and hippocampus membrane preparation in vitro.

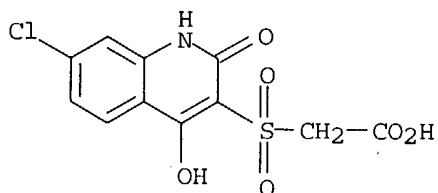
10/749,834

IT 174455-94-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 3-arylthio-4-hydroxy-2-quinolones and analogs as NMDA receptor antagonists)

RN 174455-94-8 CAPLUS

CN Acetic acid, [(7-chloro-1,2-dihydro-4-hydroxy-2-oxo-3-quinolinyl)sulfonyl] - (9CI) (CA INDEX NAME)



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